

IN THE CLAIMS:

1. **(Previously Presented)** A positive-electrode material comprising an active coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof.
2. **(Original)** A positive-electrode material according to Claim 1, wherein the coated metal core is tin.
3. **(Original)** A positive-electrode material according to Claim 1, wherein a coating of the coated metal core is a metal hydroxide or a metal oxyhydroxide which has been converted into its oxide.
4. **(Original)** A positive-electrode material according to Claim 3, wherein the coating is of tin, molybdenum, cerium, tungsten or antimony hydroxide or oxyhydroxide; wherein the hydroxide or oxyhydroxide has been converted into its oxide.
5. **(Original)** A positive-electrode material according to Claim 1, wherein the core has a single coating.
6. **(Original)** A positive-electrode material according to Claim 1, wherein the core has multiple coatings.

7. **(Previously Presented)** A process for the production of the positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, comprising
- preparing a suspension or sol of the metal or alloy core in urotropin;
 - emulsifying the suspension with at least one C₅-C₁₂-hydrocarbon;
 - precipitating the emulsion onto the metal or alloy core; and
 - converting a metal hydroxide or an oxyhydroxide into the corresponding oxide by heating the system.
13. **(Previously Presented)** A process for the production of the positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, comprising preparing a suspension or sol of the metal or alloy core in urotropin.
14. **(Previously Presented)** An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises an alkali metal borate of the formula:
- $$\text{Li}^+ \text{B}^-(\text{OR}^1)_m(\text{OR}^2)_p$$
- wherein
- m and p are 0, 1, 2, 3 or 4, where $m + p = 4$, and
- R¹ and R² are, independently, identical or different,
- are optionally bonded directly to one another via a single or double bond,

are each, individually or together, an aromatic or aliphatic carboxylic, dicarboxylic or sulfonic acid radical, or

are each, individually or together, an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal, or

are each, individually or together, a heterocyclic aromatic ring of a pyridyl, pyrazyl or bipyridyl group, which may be unsubstituted or mono- to trisubstituted by A or Hal, or

are each, individually or together, an aromatic hydroxy acid of an aromatic hydroxycarboxylic acid or an aromatic hydroxysulfonic acid group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal,

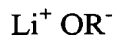
and

Hal is F, Cl or Br

and

A is alkyl having 1 to 6 carbon atoms, which may be mono- to trihalogenated.

15. **(Previously Presented)** An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises an alkali metal alkoxide of the formula:



in which R

is an aromatic or aliphatic carboxylic, dicarboxylic or sulfonic acid radical, or

is an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal, or

is a heterocyclic aromatic ring of a pyridyl, pyrazyl or bipyridyl group, which may be unsubstituted or mono- to trisubstituted by A or Hal, or

is an aromatic hydroxy acid of an aromatic hydroxycarboxylic acid of aromatic hydroxysulfonic acid group, which may be unsubstituted or mono- to tetrasubstituted by A or Hal,

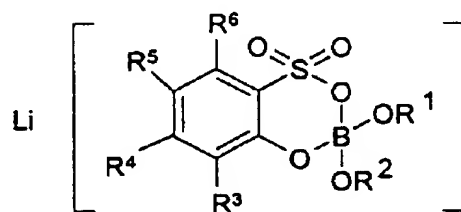
and

Hal is F, Cl or Br

and

A is alkyl having 1 to 6 carbon atoms, which may be mono- to trihalogenated.

16. **(Previously Presented)** An electrochemical cell comprising a negative electrode, a positive electrode, a separator and an electrolyte, wherein the positive electrode comprises a positive-electrode material comprising a coated metal core of Sb, Bi, Cd, In, Pb, Ga, tin, or an alloy thereof, wherein the negative electrode comprises a lithium salt of formula:



wherein

R^1 and R^2 are, independently, identical or different, are optionally bonded directly to one another via a single or double bond, and are each, individually or together, an aromatic ring of a phenyl, naphthyl, anthracenyl or phenanthrenyl group, which may be unsubstituted or mono- to hexasubstituted by an alkyl group, an alkoxy group or halogen.

17. **(Previously Presented)** A positive-electrode material according to claim 1, wherein the coated metal core is Sb, Bi, Cd, In, Pb, Ga, or an alloy thereof.
18. **(New)** A positive-electrode material according to Claim 1, wherein a coating has a thickness of about 0.03 – 0.05 μm .